

Listing of Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Claim 1 (currently amended): A digital camera comprising:

- an optical system,
- an optoelectric converter,
- a recording medium,
- a display, and
- a digital signal processor ~~including the capability of displaying to display on the display~~ a state indicator that indicates progression of a transceiving state of data files being transmitted ~~to an external device or being received from~~ between the recording medium and an external device.

Claim 2 (currently amended): The digital camera of claim 1, wherein the digital camera further comprises:

- a communication interface ~~capable of transmitting data files to an external device and~~ receiving data files ~~from an~~ between the recording medium and the external device.

Claim 3 (currently amended): The digital camera of claim 2, wherein the digital signal processor ~~includes the capability of displaying~~ displays on the display an initialization state of the communication interface.

Claim 4 (currently amended): The digital camera of claim 1, wherein the digital signal processor ~~includes the capability of displaying~~ displays on the display an electrical connection state between the digital camera and ~~[[an]]~~ the external device.

Claim 5 (currently amended): The digital camera of claim 1, wherein the digital signal processor further ~~includes the capability of monitoring~~ monitors the transceiving state of data files being transmitted ~~to an external device or being received from an~~ between the recording medium and the external device and the state indicator that indicates progression of the transceiving state.

Claim 6 (original): The digital camera of claim 1, wherein the external device is a computer.

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Claim 7 (original): The digital camera of claim 1, wherein the display is an LCD panel.

Claim 8 (original): The digital camera of claim 1, wherein the recording medium is removable from the camera.

Claim 9 (original): The digital camera of claim 1, wherein the recording medium comprises solid state memory.

Claim 10 (currently amended): A digital camera comprising:

an optical system,

an optoelectric converter,

a recording medium,

a display,

a communication interface ~~capable of transmitting data files to an external device to~~
transmit and receiving to receive data files from between the recording medium and an
external device, and

a digital signal processor ~~including the capability of displaying to display on the display~~
an initialization state of the communication interface.

Claim 11 (currently amended): The digital camera of claim 10, wherein the digital signal processor further ~~includes the capability of displaying~~ displays on the display an electrical connection state between the digital camera and ~~[[an]]~~ the external device.

Claim 12 (currently amended): The digital camera of claim 11, wherein the digital signal processor further ~~includes the capability of displaying~~ displays on the display a transceiving state of data files being transmitted ~~to an external device or being received from an~~ between the recording medium and the external device.

Claim 13 (original): The digital camera of claim 10, wherein the communication interface is a USB interface.

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Claim 14 (currently amended): A digital camera comprising:

- a means for creating a digital photograph,
- a means for storing digital image data,
- a means for displaying data,
- a means for transmitting and receiving data files between the means for storing digital image data and an external device, and
- a means for displaying ~~a transeeiving~~ an initialization state of the means for transmitting data files ~~being transmitted to an external device or being received from~~ between the means for storing digital image data and an external device.

Claim 15 (currently amended): The digital camera of claim 14, further comprising:

- ~~a means for transmitting data files to an external device and receiving data files from an external device, and~~
- a means for displaying ~~an initialization~~ a transceiving state of the means for transmitting ~~data files to an external device and receiving data files from an~~ between the means for storing digital image data and the external device.

Claim 16 (currently amended): The digital camera of claim 14, further comprising:

- a means for displaying an electrical connection state between the digital camera and ~~[[an]]~~ the external device.

Claim 17 (original): A method for monitoring the status of a digital camera, the method comprising:

- displaying an initialization state while initializing a communication interface.

Claim 18 (currently amended): The method of claim 17, wherein the ~~step of~~ displaying an initialization state while initializing a communication interface comprises:

- monitoring a connection between the digital camera and an external device,
- waiting until the connection is complete before proceeding with ~~initialization~~ the initializing of the communication interface and ~~display of~~ the displaying the initialization state,
- initializing the communication interface and displaying a message indicating the initializing of the communication interface,
- determining whether the ~~initialization~~ initializing of the communication interface is successful, and

if the initialization succeeds, displaying a message indicating the success of the initialization of the communication interface.

Claim 19 (currently amended): The method of claim 18, wherein the ~~step of~~ displaying ~~[[an]]~~ the initialization state while initializing ~~[[a]]~~ the communication interface further comprises:

if the initialization fails, displaying a message indicating the failure of the initialization of the communication interface.

Claim 20 (currently amended): The method of claim 18, wherein the ~~step of~~ displaying ~~[[an]]~~ the initialization state while initializing ~~[[a]]~~ the communication interface further comprises:

if the initialization fails, displaying a message offering guidance to remedy the failure.

Claim 21 (original): The method of claim 17, further comprising:

displaying a transceiving state while transmitting or receiving a data file to or from an external device.

Claim 22 (currently amended): The method of claim 21, wherein the ~~step of~~ displaying ~~[[a]]~~ the transceiving state while transmitting or receiving ~~[[a]]~~ the data file to or from ~~[[an]]~~ the external device further comprises:

determining whether ~~[[a]]~~ the data file is being transmitted or received, and
displaying a message indicating status of transmission or reception of a data file.

Claim 23 (currently amended): The method of claim 22, wherein the ~~step of~~ displaying ~~[[a]]~~ the transceiving state while transmitting or receiving ~~[[a]]~~ the data file to or from ~~[[an]]~~ the external device further comprises:

determining whether the initialization of the communication interface is successful,
if initialization of the communication interface is successful, proceeding with the ~~step of~~ displaying ~~[[a]]~~ the transceiving state while transmitting or receiving ~~[[a]]~~ the data file to or from ~~[[an]]~~ the external device, and
if initialization of the communication interface is not successful, terminating the ~~step of~~ displaying ~~[[a]]~~ the transceiving state while transmitting or receiving ~~[[a]]~~ the data file to or from ~~[[an]]~~ the external device.

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Claim 24 (currently amended): The method of claim 22, wherein the ~~step of~~ displaying ~~[[a]]~~ the transceiving state while transmitting or receiving ~~[[a]]~~ the data file to or from ~~[[an]]~~ the external device further comprises:

determining ~~[[the]]~~ a type of the communication interface, and
displaying a message indicating the type of the communication interface.

Claim 25 (currently amended): The method of claim 17, further comprising:

repeating the ~~step of~~ displaying ~~[[a]]~~ the transceiving state while transmitting or receiving ~~[[a]]~~ the data file to or from ~~[[an]]~~ the external device until an end signal is input.

Claim 26 (original): The method of claim 17, further comprising:

displaying an unloaded state after the digital camera is unloaded from an external device.

Claim 27 (currently amended): The method of claim 26, wherein the ~~step of~~ displaying ~~[[an]]~~ the unloaded state after the digital camera is unloaded from ~~[[an]]~~ the external device comprises:

determining whether an unloaded signal is input to the digital camera, and
if an unloaded signal is input, displaying a message indicating the unloaded state of the digital camera.

Claim 28 (currently amended): The method of claim 27, wherein the ~~step of~~ displaying ~~[[an]]~~ the unloaded state after the digital camera is unloaded from ~~[[an]]~~ the external device comprises:

determining if the digital camera is disconnected from the external device,
if the digital camera is not disconnected from the external device, repeating the ~~step of~~ displaying ~~[[an]]~~ the unloaded state after the digital camera is unloaded from ~~[[an]]~~ the external device.

Claim 29 (currently amended): A method for monitoring the status of a digital camera, the method comprising:

displaying a state indicator that indicates progression of a transceiving state while transmitting or receiving a data file to or from an external device.

Claim 30 (currently amended): The method of claim 29, wherein the ~~step of~~ displaying ~~[[a]]~~ the transceiving state while transmitting or receiving ~~[[a]]~~ the data file to or from ~~[[an]]~~ the external device further comprises:

determining whether ~~[[a]]~~ the data file is being transmitted or received, and
displaying a message indicating status of transmission or reception of ~~[[a]]~~ the data file.

Claim 31 (currently amended): The method of claim 30, wherein the ~~step of~~ displaying ~~[[a]]~~ the transceiving state while transmitting or receiving ~~[[a]]~~ the data file to or from ~~[[an]]~~ the external device further comprises:

determining whether initialization of a communication interface is successful,
if initialization of the communication interface is successful, proceeding with the ~~step~~ of displaying ~~[[a]]~~ the transceiving state while transmitting or receiving ~~[[a]]~~ the data file to or from ~~[[an]]~~ the external device, and
if initialization of the communication interface is not successful, terminating the ~~step of~~ displaying ~~[[a]]~~ the transceiving state while transmitting or receiving ~~[[a]]~~ the data file to or from ~~[[an]]~~ the external device.

Claim 32 (currently amended): The method of claim 30, wherein the ~~step of~~ displaying ~~[[a]]~~ the transceiving state while transmitting or receiving ~~[[a]]~~ the data file to or from ~~[[an]]~~ the external device further comprises:

determining ~~[[the]]~~ a type of the communication interface, and
displaying a message indicating the type of the communication interface.

Claim 33 (new): The digital camera of claim 1, wherein the state indicator that indicates progression of a transceiving state comprises a series of bars.

Claim 34 (new): The digital camera of claim 10, wherein the display comprises a series of bars to indicate progression of the initialization state of the communication interface.

Claim 35 (new): The method of claim 17, wherein the displaying comprises a series of bars to indicate progression of the initialization state.

Claim 36 (new): The method of claim 29, wherein the displaying comprises a series of bars to indicate progression of the transceiving state.